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**MATERNAL and
CHILD HEALTH
SERVICES • 1957**

MATERNAL AND CHILD HEALTH SERVICES
1957

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MATERNAL AND CHILD HEALTH SERVICES 1957

General

All the States, the District of Columbia, Puerto Rico and the Virgin Islands receive Federal funds to extend and improve services for promoting the health of mothers and children. The program is administered under Title V, Part I, of the Social Security Act.

The maternal and child health program includes a variety of services, not all of which are provided in all States. The services selected for annual statistical reporting to the Children's Bureau which are presented in this report are those most commonly provided by the States. They are reported if provided or purchased by State or local official health agencies.

In addition to the reported services, nearly all States include in their programs study of the causes of maternal, infant, neonatal and perinatal deaths, usually in cooperation with medical societies and hospitals. In-service training of maternal and child health personnel is a part of every State's program. Many States conduct short institutes for physicians, nurses, nutritionists, medical social workers, hospital administrators, and others. Each year several States award education or training grants in public health or other professional disciplines. An increasing number of States are offering consultation to improve hospital services through a team that may consist of a pediatrician, an obstetrician, nurses, and sometimes a nutritionist and a medical social worker. Such consultation services are usually given to the newborn nursery service of the hospital, less frequently to the maternity and pediatric services.

As a result of increased funds for mental retardation, 44 State health departments have developed services for mentally retarded children. Usually the core of this service is a diagnostic, evaluation and treatment clinic for children and counseling for parents.

Since mortality and morbidity from accidents loom large in childhood, a number of States also have developed accident prevention programs under maternal and child health auspices.

Schedules providing the information presented in this report were received from the 48 States and from the District of Columbia, Alaska, Hawaii, Puerto Rico, and the Virgin Islands. To avoid cumbersome verbiage the word "State" as used throughout this report refers to these 53 jurisdictions.

The forms used in the reporting of the data were revised in 1956 and are described in the report for that year (Children's Bureau Statistical Series No. 49). Because of the numerous redefinitions of reporting bases then, few comparisons of that year's record of services rendered with those of previous years were possible. The 1957 statistics shown herein will be compared with 1956 data in the following pages wherein State reports have been added together to show the overall totals throughout the nation for each of these two years.

Trends

A certain amount of shifting of emphasis is reflected in the figures representing mothers and children provided services in 1957 and 1956. Certain areas of service increased in 1957 while others remained about equal to the previous year and a few were curtailed. Gains were registered in such important categories as medical clinic service to mothers, well child conference service, and immunizations. Table A presents totals of the number of mothers and children who received selected types of direct service in 1957 and 1956, the percentage difference between the two years, and the number of States which provided each type of service in each year. Table B presents totals for other services. These are discussed below for each of the major classifications.

TABLE A.--Number of Mothers and Children Receiving Direct Services, by Type of Service, United States, 1957 and 1956

Type of service	Number reported		Percent change 1956-1957 + or -	Number of States providing this service	
	1957	1956		1957	1956
Selected maternity services:					
Medical clinic service.....	240,630	225,624	+6.7	35	35
Nursing service.....	446,843	434,394	+2.9	53	53
Dental treatment.....	3,583	9,603	-62.7	12	17
Hospital inpatient care.....	39,562	34,898	+13.4	13	12
Selected child health services:					
Well child conference service.....	1,326,277	1,286,345	+3.1	53	53
Infants.....	557,801	517,243	+7.8	53	53
Preschool.....	768,476	769,102	-0.1	53	53
General pediatric clinic service.....	146,503	153,069	-4.3	18	16
Special clinics (except mental retardation)	164,430	195,743	-16.0	14	14
Nursing service.....	2,878,127	2,980,606	-3.4	52	51
Topical fluoride applications.....	224,661	165,664	+35.6	31	31
Dental treatment.....	506,704	353,765	+43.2	38	38
Hospital inpatient care for premature infants.....	5,206	6,789	-23.3	13	15
Hospital inpatient care excluding prematurity.....	28,670	8,389	+241.8	13	14
School health examinations and screening:					
Examined by physicians.....	2,205,905	2,215,517	-0.4	41	42
Screening by other personnel					
Visual screening.....	4,088,647	3,587,255	+14.0	45	47
Audiometer testing.....	2,908,124	2,497,459	+16.4	44	42
Dental screening.....	2,611,628	2,427,258	+7.6	48	45
Other.....	851,717	907,302	-6.1	23	20
Immunizations:¹					
Smallpox.....	1,715,335	1,612,144	+6.4	53	53
Diphtheria.....	2,966,939	2,357,128	+25.9	53	53
Pertussis.....	2,007,673	1,811,340	+10.8	53	53
Tetanus.....	2,745,513	2,239,529	+22.6	53	53
Poliomyelitis.....	11,809,069	13,209,170	-10.6	53	53
Typhoid.....	1,257,917	1,042,802	+20.6	21	23
Other.....	23,837	9,084	+162.4	12	7

¹ Figures include children who received basic series plus children who received boosters or re-vaccinations.

TABLE B.--Other Maternal and Child Health Services, United States, 1957 and 1956

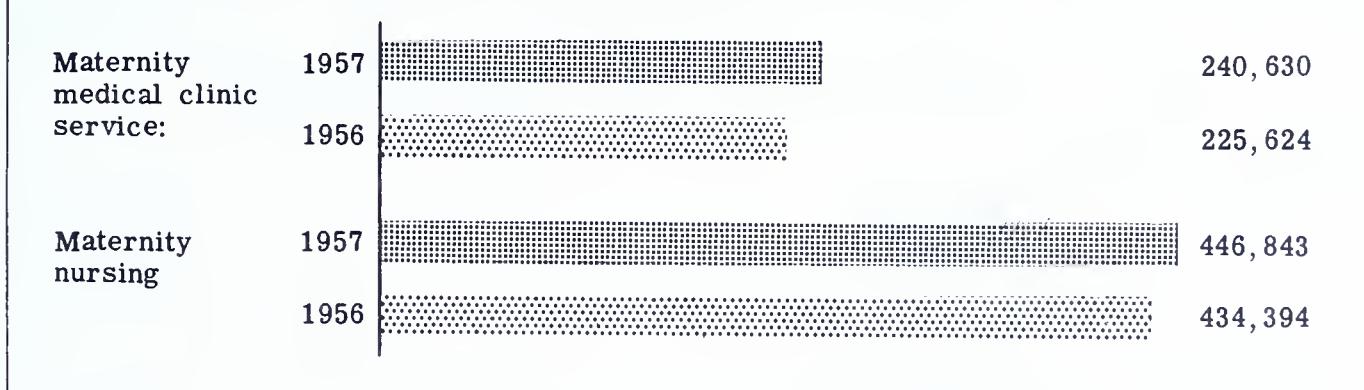
Type of service	Number reported		Percent change 1956-1957 + or -	Number of States providing this service	
	1957	1956		1957	1956
Midwife services:					
Number of practicing midwives in States....	10,087	9,205	+9.6	28	26
Number of midwives enrolled in classes or institutes.....	6,588	7,580	-13.1	18	17
Number of deliveries by midwives supervised by health department personnel.....	1,908	1,687	+13.1	12	11
Education services (number enrolled):					
Classes for expectant parents.....	48,782	55,107	-11.5	40	39
Other classes.....	84,765	55,232	+53.5	27	25

Maternity Service

Mothers receiving maternity medical clinic service increased in number from 225,624 in 1956 to 240,630 in 1957, a gain of 6.7 percent. This service, provided under the maternal and child health programs of 35 States includes consultation, diagnosis, treatment or follow-up care in clinics organized to provide antepartum or postpartum services with a physician in attendance.

All of the 53 States also provided maternity nursing services to mothers during and following pregnancy. In 1957, 446,843 mothers received this service, a gain of 2.9 percent over the 1956 total. These figures are in addition to nurses' services at medical clinics where physicians were present.

figure 1. MOTHERS RECEIVING SELECTED MATERNITY SERVICES



Services to mothers in both the antepartum and postpartum periods generally extend over several months. As a consequence about one-fourth of the mothers counted as having received service in 1957 are included also in the 1956 count, since service to them began in that year. This duplication is avoided if we eliminate the "carry-overs" and count only those mothers who were first admitted to maternity medical clinic service in each year. In 1957 there were 180,797 mothers new to this program, compared with 173,730 in 1956. (The 1956 figure is partially computed since 6 States did not furnish the breakdown between new cases and carry-overs in that year.)

Maternity services furnished by a minority of the States included dental treatment during pregnancy, which was provided by 17 States in 1956 and 12 in 1957, and hospital inpatient care, provided by 12 States in 1956, 13 in 1957. The latter is a selective type of service usually given for the more serious complications of pregnancy. Mothers receiving dental treatment declined in number from 9,603 in 1956 to 3,583 in 1957. Mothers receiving hospital care increased in number in 1957 to 39,562, 13.4 percent above the 34,898 number so served in 1956. Hospital care was provided by 13 States in 1957 as compared with 12 in 1956.

Child Health Service

Under State maternal and child health programs, services are rendered to children of all ages. Included among the services which are furnished by some or all of the States are well child conferences, a program for infants and preschool age children, general pediatric clinics or specialized clinics for diagnostic services, visits by public health nurses to children of all ages, topical fluoride applications, dental treatment, hospital care for infants, school health examinations and screenings, and immunization against communicable diseases.

Clinics for the general health supervision of infants and preschool children, generally known as well child conferences, render service under the supervision of physicians. They are to be found in towns and cities throughout all of the States.

Of a total of 1,326,277 infants and preschool children served in well child conferences, 557,801 or 42 percent were infants. Thus the coverage of infants in this field of service is far more intense than is the case for children in the preschool ages, which cover approximately a 5-year span.

figure 2. CHILDREN SERVED BY WELL CHILD CONFERENCES

Well child conference		
Infants	1957	557,801
	1956	517,243
Preschool:	1957	768,476
	1956	769,102

Public health nurses not only participate in the work of well child conferences but also render services in homes as well. These services minister to the needs of children of all ages in a multiplicity of ways, including educational activities in the form of advice and guidance to parents and children. Public health nursing service for children, in addition to the attendance of nurses in well child conferences and in schools, was provided by 51 States in 1956 and 52 in 1957.

**figure 3. CHILDREN RECEIVING NURSING SERVICE
OUTSIDE WELL CHILD CONFERENCES AND SCHOOLS**

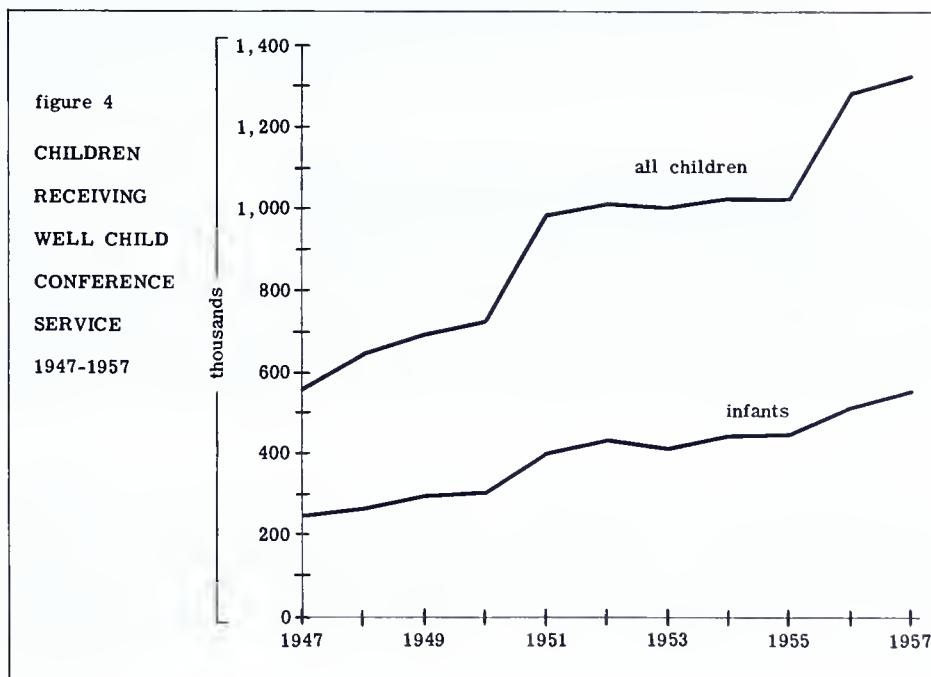
1957	2,878,127
1956	2,980,606

The total number of children (birth through age 20) served by public health nurses in maternal and child health programs was 2,878,127 in 1957, representing a slight decline from 1956. The distribution of this total by age groups was as follows:

TABLE C.--Child Health Nursing Service, by Age Group, 1957

Age group	Number of children ¹
All ages.....	2,878,127
Under 1.....	687,073
1-4.....	829,741
5-17.....	1,034,919
18-20.....	18,024
Not given.....	308,370

¹ In addition to number of children served by nurses in well child conferences where physicians are in attendance and on school premises.

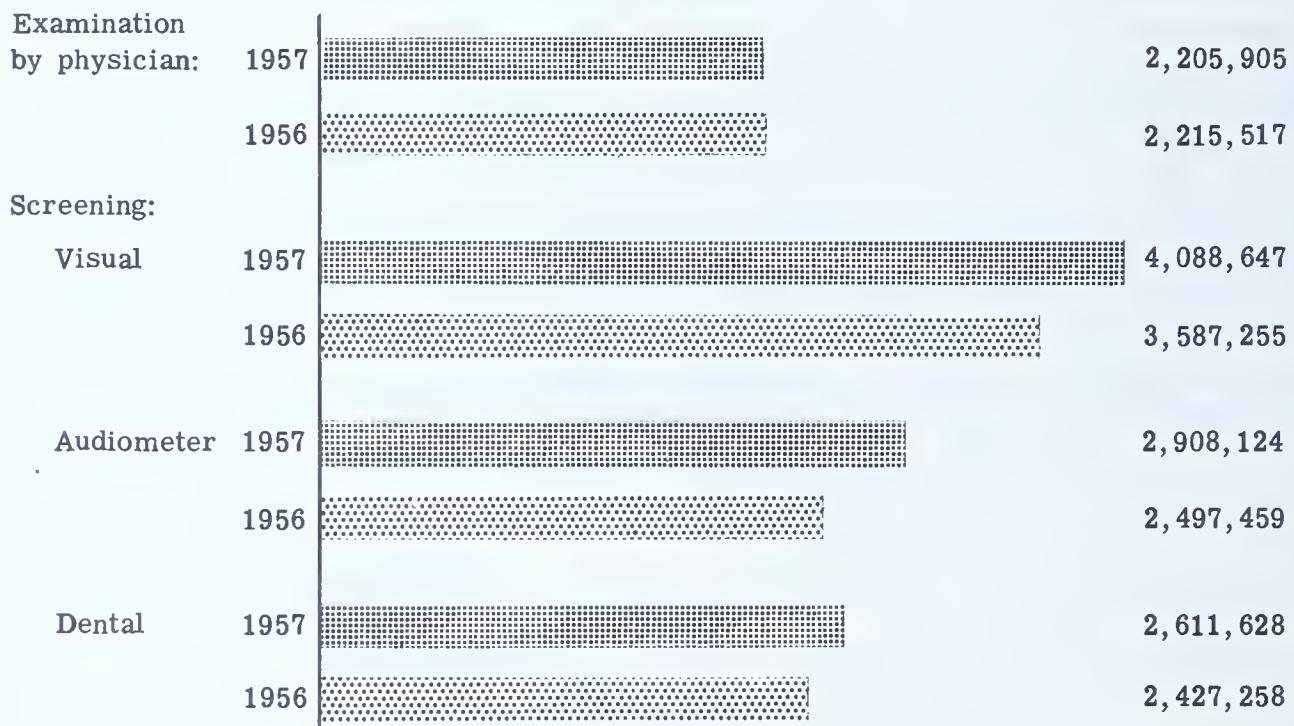


School Health Service

As has been the case in past years, the type of service most commonly provided under school health programs was screening for visual defects. In 1957 this service was given to 4,088,647 children, representing an increase of 14 percent over the previous year. Significant increases were also registered for audiometer testing, 2,908,124 children, up 16.4 percent over 1956, and dental screening, 2,611,628 children, 7.6 percent above the 1956 figure.

Children examined by physicians in the school health program held about even, with 2,205,905 in 1957 against 2,215,517 in 1956. Changes in the number of States providing each of the above services were relatively minor. In the case of visual screening this number decreased from 47 to 45; for audiometer testing it went up from 42 to 44; dental screening was provided by 48 States in 1957, up from 45 the previous year; and 41 States furnished examinations by physicians in 1957, as against 42 in 1956. Reports are not received on the service of nurses on school premises; children visited in their homes by school nurses are included in Table C.

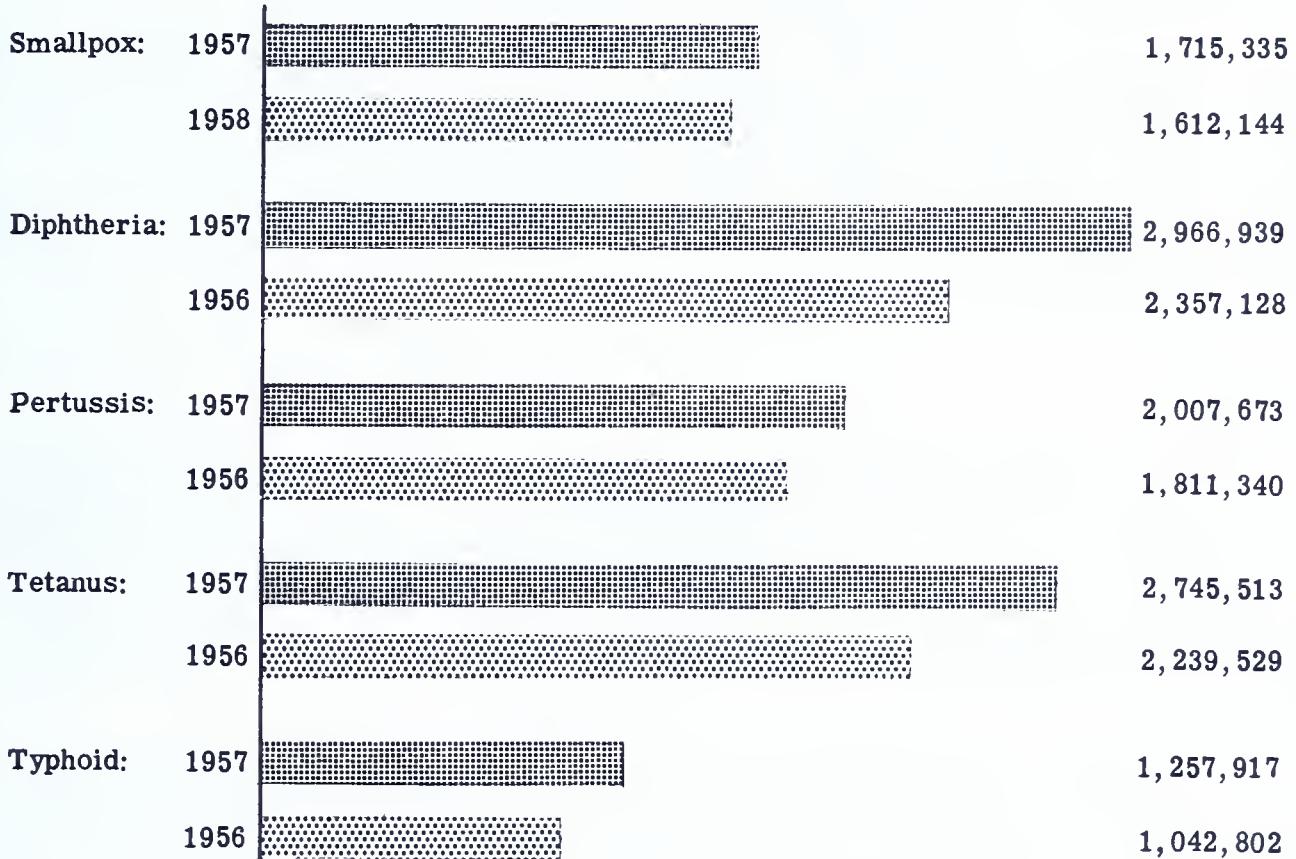
figure 5 CHILDREN GIVEN SCHOOL HEALTH EXAMINATIONS AND SCREENING



Immunization

A record number of children received immunizations in 1957. Children receiving original smallpox vaccinations numbered 1,373,671 and those revaccinated, 341,664, a 6.4 percent rise in the total number of children over 1956; the basic series of diphtheria immunizations given to 1,554,032 children and boosters for 1,412,907 reflected a 25.9 percent increase; the number of children receiving pertussis immunizations rose 10.8 percent; tetanus, 22.6 percent; and typhoid 20.6 percent. (See tables 10-13)

figure 6 CHILDREN IMMUNIZED ^{1/}



¹ These figures on children immunized are arrived at by adding together the numbers of children receiving both original vaccinations or basic series and those given revaccinations or booster shots during the year. Thus they represent the total number of children who received protection against these diseases as a part of the maternal and child health programs of State and local health departments.

The number receiving the basic series for poliomyelitis immunization and boosters, on the contrary, declined from 13,209,170 given in 1956 to 11,809,069 in 1957, a drop of 10.6 percent. The poliomyelitis figure for 1957 is provisional and subject to correction. (See Table 14)

In addition to the immunizations mentioned above, other types of immunization are given from time to time in certain States when warranted by local conditions.

Other Services

In addition to direct services to mothers and children of the kinds described above, health departments usually organize and conduct a varying amount of educational services. Classes in health education are held in a large number of States, especially classes for expectant parents. In 1957 classes for expectant parents were attended by 48,782, and other classes related to maternal and child health, by 84,765 persons.

In those States where midwives perform a significant number of deliveries, registers of practicing midwives are kept and activities are pursued directed toward improving their abilities and safeguarding the health of mothers. Table B shows 28 States reporting a total of 10,087 midwives. Eighteen of these States conducted classes attended by 6,588. As part of the training, a total of 1,908 deliveries by midwives were supervised by health department personnel in 12 States.

State Detail

In the tables which follow, breakdowns of the services discussed above are given, showing the numbers which have been reported by each State. Details by age group are given for child health services, children served in well child conferences are divided into those residing in metropolitan and nonmetropolitan counties as defined by the Census Bureau,¹ and the tables for school examinations and screenings show the number and percent of children examined by physicians when parents were present.

¹ Except in New England, a county is included in a standard metropolitan area if it contains at least one city of 50,000 or more according to the 1950 Census, or if it is contiguous to a metropolitan county and, according to specified criteria, it is essentially metropolitan in character and is socially and economically integrated with the central city or cities of the area. In New England, towns and cities rather than counties are the units used to define standard metropolitan areas. However, for purposes of Children's Bureau reporting, the total county is the report unit; therefore, all New England counties with more than half their population in standard metropolitan areas are classified as "metropolitan." This classification corresponds to that used by the Bureau of the Census in defining metropolitan State economic areas in New England.

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TABLE 1.--Mothers Receiving Maternity Medical Clinic Service, 1957

State	Total	Carried over from last year	New this year	Percent of cases new this year
Total.....	240,630	59,819	180,797	75.1
Alabama.....	12,188	2,391	9,797	80.4
Alaska.....	(¹)	(¹)	(¹)	(¹)
Arizona.....	3,128	611	2,517	80.5
Arkansas.....	2,861	398	2,463	86.1
California.....	14,900	2,241	12,659	85.0
Colorado.....	245	44	201	82.0
Connecticut.....	(¹)	(¹)	(¹)	(¹)
Delaware.....	170	56	114	67.1
District of Columbia.....	4,000	792	3,208	80.2
Florida.....	12,129	2,275	9,854	81.2
Georgia.....	27,855	4,012	23,843	85.6
Hawaii.....	456	114	342	75.0
Idaho.....	(¹)	(¹)	(¹)	(¹)
Illinois.....	805	306	499	62.0
Indiana.....	(¹)	(¹)	(¹)	(¹)
Iowa.....	(¹)	(¹)	(¹)	(¹)
Kansas.....	(¹)	(¹)	(¹)	(¹)
Kentucky.....	3,088	345	2,743	88.8
Louisiana.....	7,676	1,045	6,631	86.4
Maine.....	(¹)	(¹)	(¹)	(¹)
Maryland.....	12,063	1,996	10,067	83.5
Massachusetts.....	(¹)	(¹)	(¹)	(¹)
Michigan.....	7,130	1,236	5,894	82.7
Minnesota.....	87	13	74	85.1
Mississippi.....	10,399	504	9,895	95.2
Missouri.....	3,942	558	3,384	85.8
Montana.....	(¹)	(¹)	(¹)	(¹)
Nebraska.....	14	(³)	(³)	(³)
Nevada.....	143	31	112	78.3
New Hampshire.....	41	0	41	100.0
New Jersey.....	(¹)	(¹)	(¹)	(¹)
New Mexico.....	2,042	1,128	914	44.8
New York.....	3,267	654	2,613	80.0
North Carolina.....	14,711	3,191	11,520	78.3
North Dakota.....	(¹)	(¹)	(¹)	(¹)
Ohio.....	3,592	834	2,758	76.8
Oklahoma.....	1,805	451	1,354	75.0
Oregon.....	(¹)	(¹)	(¹)	(¹)
Pennsylvania.....	(¹)	(¹)	(¹)	(¹)
Puerto Rico.....	57,990	25,296	32,694	56.4
Rhode Island.....	(¹)	(¹)	(¹)	(¹)
South Carolina.....	5,649	1,608	4,041	71.5
South Dakota.....	(¹)	(¹)	(¹)	(¹)
Tennessee.....	5,429	1,385	4,044	74.5
Texas.....	6,373	1,145	5,228	82.0
Utah.....	482	141	341	70.7
Vermont.....	(¹)	(¹)	(¹)	(¹)
Virgin Islands.....	1,015	129	886	87.3
Virginia.....	14,376	4,807	9,569	66.6
Washington.....	396	67	329	83.1
West Virginia.....	183	15	168	91.8
Wisconsin.....	(¹)	(¹)	(¹)	(¹)
Wyoming.....	(¹)	(¹)	(¹)	(¹)

APPENDIX

TABLE 2.--Mothers Receiving Other Selected Maternity Services, 1957

State	Number receiving maternity nursing service	Number receiving dental treatment	Hospital inpatient care		
			Number of mothers	Number of days	Average number of days
Total.....	446,843	3,583	39,562	132,308	3.3
Alabama.....	14,734	12	423	2,902	6.9
Alaska.....	1,385	(¹)	(¹)	(¹)	(¹)
Arizona.....	4,845	(¹)	(¹)	(¹)	(¹)
Arkansas.....	3,552	(¹)	(¹)	(¹)	(¹)
California.....	21,150	(¹)	(¹)	(¹)	(¹)
Colorado.....	6,353	(¹)	(¹)	(¹)	(¹)
Connecticut.....	436	(¹)	45	246	5.5
Delaware.....	1,961	0	(¹)	(¹)	(¹)
District of Columbia.....	(³)	(¹)	7,596	25,580	3.4
Florida.....	16,316	58	(¹)	(¹)	(¹)
Georgia.....	27,351	(⁴)	444	1,332	3.0
Hawaii.....	2,807	(¹)	(¹)	(¹)	(¹)
Idaho.....	735	(¹)	(¹)	(¹)	(¹)
Illinois.....	13,535	(¹)	(¹)	(¹)	(¹)
Indiana.....	444	(¹)	(¹)	(¹)	(¹)
Iowa.....	1,502	(¹)	(¹)	(¹)	(¹)
Kansas.....	973	(¹)	(¹)	(¹)	(¹)
Kentucky.....	11,771	115	(¹)	(¹)	(¹)
Louisiana.....	10,603	88	12	70	5.8
Maine.....	959	(¹)	(¹)	(¹)	(¹)
Maryland.....	13,536	208	8,419	32,375	3.8
Massachusetts.....	5,009	(¹)	(¹)	(¹)	(¹)
Michigan.....	34,800	(¹)	1	65	65.0
Minnesota.....	2,877	(¹)	(¹)	(¹)	(¹)
Mississippi.....	19,487	(¹)	(¹)	(¹)	(¹)
Missouri.....	6,747	(¹)	(¹)	(¹)	(¹)
Montana.....	1,887	(¹)	(¹)	(¹)	(¹)
Nebraska.....	978	(¹)	(¹)	(¹)	(¹)
Nevada.....	252	37	(¹)	(¹)	(¹)
New Hampshire.....	1,146	(¹)	(¹)	(¹)	(¹)
New Jersey.....	20,270	(¹)	(¹)	(¹)	(¹)
New Mexico.....	3,999	(³)	139	384	2.8
New York.....	24,152	(¹)	(¹)	(¹)	(¹)
North Carolina.....	10,813	(¹)	(¹)	(¹)	(¹)
North Dakota.....	625	(¹)	(¹)	(¹)	(¹)
Ohio.....	18,476	16	(¹)	(¹)	(¹)
Oklahoma.....	2,115	25	(¹)	(¹)	(¹)
Oregon.....	1,378	(¹)	(¹)	(¹)	(¹)
Pennsylvania.....	4,236	(¹)	(¹)	(¹)	(¹)
Puerto Rico.....	22,875	2,887	20,008	56,942	2.8
Rhode Island.....	3,309	(¹)	(¹)	(¹)	(¹)
South Carolina.....	37,774	(²)	6	12	2.0
South Dakota.....	212	(¹)	(¹)	(¹)	(¹)
Tennessee.....	10,209	(¹)	(¹)	(¹)	(¹)
Texas.....	25,808	46	(¹)	(¹)	(¹)
Utah.....	1,278	(¹)	(¹)	(¹)	(¹)
Vermont.....	477	(¹)	(¹)	(¹)	(¹)
Virgin Islands.....	652	77	1,166	3,865	3.3
Virginia.....	11,279	(¹)	1,255	8,304	6.6
Washington.....	4,058	(¹)	(²)	(²)	(²)
West Virginia.....	2,591	(¹)	48	231	4.8
Wisconsin.....	11,865	(¹)	(¹)	(¹)	(¹)
Wyoming.....	261	(¹)	(¹)	(¹)	(¹)

APPENDIX

TABLE 3.--Children Served in Well Child Conferences, by Age Group, 1957

State	Total	Under 1 year	1-4 years	Other preschool*	Age unknown
Total.....	1,326,277	557,801	633,703	134,733	40
Alabama.....	21,921	7,925	6,678	7,318	0
Alaska.....	1,136	221	720	195	0
Arizona.....	9,523	4,980	3,248	1,295	0
Arkansas.....	4,829	2,222	1,749	858	0
California.....	180,100	95,400	84,700	0	0
Colorado.....	17,563	4,869	8,002	4,692	0
Connecticut.....	6,625	1,432	4,045	1,148	0
Delaware.....	6,926	2,485	3,332	1,109	0
District of Columbia.....	33,291	12,036	20,394	861	0
Florida.....	34,969	12,018	9,889	13,062	0
Georgia.....	103,609	44,791	58,818	0	0
Hawaii.....	11,227	3,168	7,134	925	0
Idaho.....	1,513	603	909	1	0
Illinois.....	7,899	4,623	3,276	0	0
Indiana.....	4,250	1,017	2,955	278	0
Iowa.....	4,561	1,989	2,572	0	0
Kansas.....	2,558	1,041	1,242	275	0
Kentucky.....	17,994	7,074	10,920	(¹)	0
Louisiana.....	20,096	13,475	4,730	1,891	0
Maine.....	8,727	3,252	5,475	0	0
Maryland.....	57,181	21,944	15,094	20,143	0
Massachusetts.....	47,070	23,951	19,795	3,324	0
Michigan.....	49,461	11,810	20,834	16,817	0
Minnesota.....	1,756	468	1,200	88	0
Mississippi.....	20,230	4,914	3,616	11,700	0
Missouri.....	18,443	8,688	8,527	1,228	0
Montana.....	4,472	1,894	2,578	0	0
Nebraska.....	5,308	2,120	3,188	0	0
Nevada.....	1,615	340	584	691	0
New Hampshire.....	685	102	497	46	40
New Jersey.....	10,005	3,680	6,325	0	0
New Mexico.....	23,896	9,240	8,585	6,071	0
New York.....	261,922	103,465	155,014	3,443	0
North Carolina.....	39,102	18,140	11,514	9,448	0
North Dakota.....	(³)	(³)	(³)	(³)	0
Ohio.....	73,102	25,039	39,899	8,164	0
Oklahoma.....	5,940	2,365	3,528	47	0
Oregon.....	5,679	1,605	2,975	1,099	0
Pennsylvania.....	27,392	7,865	14,100	5,427	0
Puerto Rico.....	33,189	18,914	12,056	2,219	0
Rhode Island.....	513	368	145	0	0
South Carolina.....	8,367	4,567	3,800	0	0
South Dakota.....	714	147	567	0	0
Tennessee.....	21,695	10,245	8,949	2,501	0
Texas.....	29,198	17,414	5 11,784	0	0
Utah.....	2,918	1,107	1,811	0	0
Vermont.....	5,583	815	4,768	0	0
Virgin Islands.....	1,806	954	836	16	0
Virginia.....	21,000	12,035	6,819	2,146	0
Washington.....	22,995	7,780	12,470	2,745	0
West Virginia.....	8,990	2,504	3,807	2,679	0
Wisconsin.....	16,733	8,700	7,250	783	0
Wyoming.....	(³)	(³)	(³)	(³)	0

* Chiefly 5 and 6 year old children, prior to enrollment in school.

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TABLE 4.--Infants Receiving Well Child Conference Service, 1957

State	Total	Carried over from last year	New this year	Percent new this year
Total.....	557,801	156,798	389,580	70.0
Alabama.....	7,925	1,568	6,357	80.2
Alaska.....	221	23	198	89.6
Arizona.....	4,980	1,245	3,735	75.0
Arkansas.....	2,222	281	1,941	87.4
California.....	95,400	24,400	71,000	74.4
Colorado.....	4,869	1,390	3,479	71.5
Connecticut.....	1,432	898	534	37.3
Delaware.....	2,485	619	1,866	75.1
District of Columbia.....	12,036	4,100	7,936	65.9
Florida.....	12,018	2,429	9,589	79.8
Georgia.....	44,791	5,915	38,876	86.8
Hawaii.....	3,168	1,045	2,123	67.0
Idaho.....	603	(³)	(³)	(³)
Illinois.....	4,623	1,398	3,225	69.8
Indiana.....	1,017	745	272	26.7
Iowa.....	1,989	807	1,182	59.4
Kansas.....	1,041	354	687	66.0
Kentucky.....	7,074	1,366	5,708	80.7
Louisiana.....	13,475	2,969	10,506	78.0
Maine.....	3,252	469	2,783	85.6
Maryland.....	21,944	6,903	15,041	68.5
Massachusetts.....	23,951	8,372	15,579	65.0
Michigan.....	11,810	2,522	9,288	78.6
Minnesota.....	468	117	351	75.0
Mississippi.....	4,914	204	4,710	95.8
Missouri.....	8,688	910	7,778	89.5
Montana.....	1,894	1,245	649	34.3
Nebraska.....	2,120	(³)	(³)	(³)
Nevada.....	340	52	288	84.7
New Hampshire.....	102	0	102	100.0
New Jersey.....	3,680	1,016	2,664	72.4
New Mexico.....	9,240	6,269	2,971	32.2
New York.....	103,465	33,661	69,804	67.5
North Carolina.....	18,140	4,336	13,804	76.1
North Dakota.....	(²)	(²)	(²)	(²)
Ohio.....	25,039	14,340	10,699	42.7
Oklahoma.....	2,365	591	1,774	75.0
Oregon.....	1,605	0	1,605	100.0
Pennsylvania.....	7,865	2,074	5,791	73.6
Puerto Rico.....	18,914	8,809	10,105	53.4
Rhode Island.....	368	83	285	77.4
South Carolina.....	4,567	501	4,066	89.0
South Dakota.....	147	51	96	65.3
Tennessee.....	10,245	1,174	9,071	88.5
Texas.....	17,414	1,560	15,854	91.0
Utah.....	1,107	297	810	73.2
Vermont.....	815	35	780	95.7
Virgin Islands.....	954	167	787	82.5
Virginia.....	12,035	7,303	4,732	39.3
Washington.....	7,780	1,705	6,075	78.1
West Virginia.....	2,504	480	2,024	80.8
Wisconsin.....	8,700	(³)	(³)	(³)
Wyoming.....	(¹)	(¹)	(¹)	(¹)

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TABLE 5.--Children Receiving Well Child Conference Service, by Type of County, 1957

State	Number of children	County		
		Metropolitan	Non-metropolitan	Percent in metropolitan counties
Total.....	1,326,277	915,449	402,690	69.0
Alabama.....	21,921	15,205	6,716	69.4
Alaska.....	1,136	0	1,136	0
Arizona.....	9,523	6,346	3,177	66.6
Arkansas.....	4,829	1,071	3,758	22.2
California.....	180,100	149,400	30,700	83.0
Colorado.....	17,563	10,681	6,882	60.8
Connecticut.....	6,625	(³)	(³)	(³)
Delaware.....	6,926	4,619	2,307	66.7
District of Columbia.....	33,291	33,291	0	100.0
Florida.....	34,969	25,727	9,242	73.6
Georgia.....	103,609	21,119	82,490	20.4
Hawaii.....	11,227	4,824	6,403	43.0
Idaho.....	1,513	(³)	(³)	(³)
Illinois.....	7,899	7,562	337	95.7
Indiana.....	4,250	3,349	901	78.8
Iowa.....	4,561	4,283	278	93.9
Kansas.....	2,558	1,830	728	71.5
Kentucky.....	17,994	10,495	7,499	58.3
Louisiana.....	20,096	12,040	8,056	59.9
Maine.....	8,727	2,378	6,349	27.2
Maryland.....	57,181	42,089	15,092	73.6
Massachusetts.....	47,070	44,896	2,174	95.4
Michigan.....	49,461	36,145	13,316	73.1
Minnesota.....	1,756	1,045	711	59.5
Mississippi.....	20,230	331	19,899	1.6
Missouri.....	18,443	13,365	5,078	72.5
Montana.....	4,472	0	4,472	0
Nebraska.....	5,308	2,253	3,055	42.4
Nevada.....	1,615	0	1,615	0
New Hampshire.....	685	55	630	8.0
New Jersey.....	10,005	9,249	756	92.4
New Mexico.....	23,896	3,374	20,522	14.1
New York.....	261,922	250,954	10,968	95.8
North Carolina.....	39,102	6,681	32,421	17.1
North Dakota.....	(²)	(²)	(²)	(²)
Ohio.....	73,102	64,339	8,763	88.0
Oklahoma.....	5,940	2,962	2,978	49.9
Oregon.....	5,679	1,817	3,862	32.0
Pennsylvania.....	27,392	10,739	16,653	39.2
Puerto Rico.....	33,189	8,153	25,036	24.6
Rhode Island.....	513	359	154	70.0
South Carolina.....	8,367	4,236	4,131	50.6
South Dakota.....	714	403	311	56.4
Tennessee.....	21,695	20,046	1,649	92.4
Texas.....	29,198	22,663	6,535	77.6
Utah.....	2,918	861	2,057	29.5
Vermont.....	5,583	0	5,583	0
Virgin Islands.....	1,806	1,806	0	100.0
Virginia.....	21,000	11,370	9,630	54.1
Washington.....	22,995	21,835	1,160	95.0
West Virginia.....	8,990	4,761	4,229	53.0
Wisconsin.....	16,733	14,442	2,291	86.3
Wyoming.....	(¹)	(¹)	(¹)	(¹)

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TABLE 6.--Children Receiving Child Health Nursing Service, by Age, 1957

State	Total	Under 1 year	1-4 years	5-17 years	18-20 years	Age unknown
Total.....	2,878,127	687,073	829,741	1,034,919	18,024	308,370
Alabama.....	41,969	20,967	12,226	8,776	0	0
Alaska.....	7,345	2,163	2,482	2,700	0	0
Arizona.....	14,045	8,108	4,558	1,268	111	0
Arkansas.....	19,597	4,623	5,672	9,230	72	0
California.....	102,250	60,050	42,200	0	0	0
Colorado.....	10,246	2,103	3,155	4,863	125	0
Connecticut.....	1,523	541	628	354	0	0
Delaware.....	6,160	2,939	2,188	1,033	0	0
District of Columbia.....	(3)	(3)	(3)	(3)	(3)	(3)
Florida.....	110,502	19,440	24,344	66,718	0	0
Georgia.....	143,087	70,895	72,192	0	0	0
Hawaii.....	12,589	4,133	5,733	2,723	0	0
Idaho.....	5,884	1,861	3,431	357	235	0
Illinois.....	70,247	18,758	14,665	36,602	222	0
Indiana.....	(1)	(1)	(1)	(1)	(1)	(1)
Iowa.....	17,620	2,117	6,060	9,443	0	0
Kansas.....	8,185	1,368	2,046	4,606	165	0
Kentucky.....	64,250	14,815	26,487	22,948	0	0
Louisiana.....	49,640	24,845	15,950	8,845	0	0
Maine.....	10,961	2,698	3,091	5,126	46	0
Maryland.....	84,759	8,032	11,591	17,238	2,508	6 45,390
Massachusetts.....	96,237	25,210	34,925	34,573	1,529	0
Michigan.....	171,249	38,504	33,391	98,036	1,318	0
Minnesota.....	20,378	3,657	7,393	9,328	0	0
Mississippi.....	109,994	25,955	48,205	35,834	0	0
Missouri.....	23,059	11,403	8,897	2,759	0	0
Montana.....	23,581	2,441	3,360	17,274	506	0
Nebraska.....	13,477	6,296	7,181	0	0	0
Nevada.....	2,011	353	796	774	88	0
New Hampshire.....	6,364	2,099	4,047	218	0	0
New Jersey.....	66,140	31,773	34,367	0	0	0
New Mexico.....	82,769	9,332	20,062	51,123	2,252	0
New York.....	287,330	29,598	15,258	126,098	0	116,376
North Carolina.....	87,534	32,393	18,484	35,789	868	0
North Dakota.....	4,641	669	979	2,993	0	0
Ohio.....	133,864	(3)	(3)	(3)	(3)	133,864
Oklahoma.....	20,778	3,991	7,580	9,207	0	0
Oregon.....	48,835	3,960	7,522	37,353	0	0
Pennsylvania.....	32,581	10,429	12,323	9,829	0	0
Puerto Rico.....	49,429	10,711	14,960	20,859	2,899	0
Rhode Island.....	17,102	10,582	3,974	1,997	549	0
South Carolina.....	456,542	47,169	142,355	267,018	0	0
South Dakota.....	3,886	440	789	2,657	0	0
Tennessee.....	71,568	26,116	29,344	16,108	0	0
Texas.....	60,486	16,870	5 30,918	0	0	12,698
Utah.....	27,586	2,874	4,551	19,012	1,149	0
Vermont.....	8,783	810	1,964	5,687	322	0
Virgin Islands.....	6,413	2,125	3,263	1,025	0	0
Virginia.....	23,907	11,684	10,030	2,109	42	42
Washington.....	23,539	11,565	8,778	3,196	0	0
West Virginia.....	10,112	2,557	2,529	4,720	306	0
Wisconsin.....	103,179	34,645	52,143	14,224	2,167	0
Wyoming.....	3,914,	406	674	2,289	545	0

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TABLE 7.--Children Receiving Dental Treatment and Topical Fluoride Applications, by Age, 1957

State	Dental treatment				Age unknown	Topical fluoride applications			
	Total	1-4 years	5-17 years	18-20 years		Total	1-4 years	5-17 years	Age unknown
Total.....	506,704	19,844	407,236	27,625	51,999	224,661	3,782	81,131	139,748
Alabama.....	3,642	75	3,563	4	0	78	0	78	0
Alaska.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Arizona.....	217	0	206	11	0	(1)	(1)	(1)	(1)
Arkansas.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
California.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Colorado.....	202	0	201	1	0	(1)	(1)	(1)	(1)
Connecticut.....	332	193	139	0	0	4,752	1,174	3,578	0
Delaware.....	2,881	0	2,881	0	0	1,769	1	1,768	0
District of Columbia.....	13,919	0	13,919	0	0	1,845	0	1,845	0
Florida.....	11,654	90	11,564	0	0	90	2	88	0
Georgia.....	3,448	3,448	0	0	0	674	674	0	0
Hawaii.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Idaho.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Illinois.....	8,172	0	8,172	0	0	3,505	0	3,505	0
Indiana.....	1,835	(3)	(3)	(3)	1,835	2,750	0	2,750	0
Iowa.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Kansas.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Kentucky.....	23,934	0	0	23,934	0	106	0	*106	0
Louisiana.....	843	2	807	34	0	17,969	0	17,969	0
Maine.....	300	56	244	0	0	4,131	306	3,825	0
Maryland.....	18,837	399	18,438	0	0	56	0	56	0
Massachusetts.....	77,435	7,272	69,632	531	0	10,553	25	10,528	0
Michigan.....	16,477	170	16,115	192	0	24,633	1,283	23,350	0
Minnesota.....	(1)	(1)	(1)	(1)	(1)	1,347	0	1,347	0
Mississippi.....	(1)	(1)	(1)	(1)	(1)	167	4	163	0
Missouri.....	106,879	0	104,879	2,000	0	231	(3)	(3)	231
Montana.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Nebraska.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Nevada.....	2,861	391	2,470	0	0	3,837	97	3,740	0
New Hampshire.....	863	0	863	0	0	649	123	526	0
New Jersey.....	7,018	0	7,018	0	0	1,370	0	1,370	0
New Mexico.....	10,983	0	10,983	0	0	4	0	4	0
New York.....	53,303	3,985	44,937	0	4,381	108,773	(1)	(1)	108,773
North Carolina.....	36,287	0	36,287	0	0	(2)	(2)	(2)	(2)
North Dakota.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Ohio.....	9,842	(3)	(3)	(3)	9,842	800	(3)	(3)	800
Oklahoma.....	3,204	217	2,987	0	0	(1)	(1)	(1)	(1)
Oregon.....	403	4	381	18	0	17	0	17	0
Pennsylvania.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Puerto Rico.....	12,406	564	11,023	819	0	3,414	4	3,410	0
Rhode Island.....	5,224	1,979	3,245	0	0	202	16	186	0
South Carolina.....	12,210	0	0	0	12,210	28,504	0	0	28,504
South Dakota.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Tennessee.....	26,053	455	25,598	0	0	11	0	11	0
Texas.....	2,726	(3)	(3)	(3)	2,726	(1)	(1)	(1)	(1)
Utah.....	503	73	430	0	0	503	73	430	0
Vermont.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Virgin Islands.....	2,784	40	2,663	81	0	(2)	(2)	(2)	(2)
Virginia.....	19,890	(3)	(3)	(3)	19,890	1,440	(3)	(3)	1,440
Washington.....	1,505	431	1,074	0	0	(1)	(1)	(1)	(1)
West Virginia.....	6,367	0	6,367	0	0	481	0	481	0
Wisconsin.....	1,115	(3)	(3)	(3)	1,115	(1)	(1)	(1)	(1)
Wyoming.....	150	0	150	0	0	(1)	(1)	(1)	(1)

* Includes ages 5-20.

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TABLE 8.--School Health Examinations, 1957

State	Children examined by physician	Children examined with parents present	Percent with parents present	Referrals*		
				Total	Number completed	Percent completed
Total.....	2,205,905	520,769	7 24.1	469,420	48,320	8 33.9
Alabama.....	11,178	3,188	28.5	1,599	112	7.0
Alaska.....	7,026	652	9.3 (2)	(2)	(2)	(2)
Arizona.....	1,636	403	24.6	259	68	26.3
Arkansas.....	4,567	979	21.4 (2)	(2)	(2)	(2)
California.....	42,200	(3)	(2)	(2)	(2)	(2)
Colorado.....	6,847	2,100	30.7	716	373	52.1
Connecticut.....	(1)	(1)-	(1)	(1)	(1)	(1)
Delaware.....	1,268	447	35.3	(2)	(2)	(2)
District of Columbia.....	114,371	3,962	3.5	(2)	(2)	(2)
Florida.....	85,340	29,264	34.3	9,319	2,845	30.5
Georgia.....	37,673	5,076	13.5	(2)	(2)	(2)
Hawaii.....	532	532	100.0	(2)	(2)	(2)
Idaho.....	(1)	(1)	(1)	(1)	(1)	(1)
Illinois.....	22,448	5,643	25.1	1,762	469	26.6
Indiana.....	(2)	(2)	(2)	(2)	(2)	(2)
Iowa.....	(1)	(1)	(1)	(1)	(1)	(1)
Kansas.....	(1)	(1)	(1)	(1)	(1)	(1)
Kentucky.....	68,050	16,812	24.7	3,757	1,773	47.2
Louisiana.....	9 31,954	17,947	57.5	(2)	1,588	(2)
Maine.....	(1)	(1)	(1)	(1)	(1)	(1)
Maryland.....	20,355	6,685	32.8	441	267	60.5
Massachusetts.....	116,316	11,717	10.1	21,904	14,069	64.2
Michigan.....	24,163	11,819	48.9	4,318	1,016	23.5
Minnesota.....	168	(3)	(2)	(2)	(2)	(2)
Mississippi.....	33,541	8,998	26.8	(2)	(2)	(2)
Missouri.....	21,069	10,932	51.9	16,858	(3)	(3)
Montana.....	(2)	(2)	(2)	(2)	(2)	(2)
Nebraska.....	(2)	(2)	(2)	(2)	(2)	(2)
Nevada.....	686	49	7.1	653	120	18.4
New Hampshire.....	(1)	(1)	(1)	(1)	(1)	(1)
New Jersey.....	(1)	(1)	(1)	(1)	(1)	(1)
New Mexico.....	(2)	(2)	(2)	(2)	(2)	(2)
New York.....	326,621	102,120	31.3	88,629	(3)	(3)
North Carolina.....	155,327	52,046	33.5	(2)	(2)	(2)
North Dakota.....	7,673	3,165	41.2	(2)	(2)	(2)
Ohio.....	125,312	16,604	13.3	59,202	12,895	21.8
Oklahoma.....	18,138	9,609	53.0	(2)	(2)	(2)
Oregon.....	14,842	4,317	29.1	2,108	1,199	56.9
Pennsylvania.....	711,069	103,380	14.5	226,179	(3)	(3)
Puerto Rico.....	52,327	36,833	70.4	12,262	8,151	66.5
Rhode Island.....	1,781	23	1.3	(2)	(2)	(2)
South Carolina.....	(3)	(3)	(3)	(3)	(3)	(3)
South Dakota.....	(1)	(1)	(1)	(1)	(1)	(1)
Tennessee.....	54,390	27,804	51.1	17,067	1,949	11.4
Texas.....	13,042	6,896	52.9	(2)	(2)	(2)
Utah.....	6,703	1,574	23.5	1,468	954	65.0
Vermont.....	9,365	3,162	33.8	(2)	(2)	(2)
Virgin Islands.....	450	227	50.4	184	184	100.0
Virginia.....	1,114	(3)	(2)	(2)	(2)	(2)
Washington.....	12,801	2,372	18.5	(2)	(2)	(2)
West Virginia.....	6,655	886	13.3	735	288	39.2
Wisconsin.....	36,317	12,546	34.5	(1)	(1)	(1)
Wyoming.....	590	0	0	(2)	(2)	(2)

* Children referred for further diagnosis or treatment.

TABLE 9.—Visual Screening, Audiometer Testing, and Dental Screening Under School Health Programs, 1957

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TABLE 9.-Visual Screening, Audiometer Testing, and Dental Screening Under School Health Programs, 1957--Continued

State	Visual screening			Audiometer testing			Dental screening		
	Number of children	Referrals*	Completed referrals	Number of children	Referrals*	Completed referrals	Number of children	Referrals*	Completed referrals
Ohio.....	1,101,893	74,038	32,062	43.3	170,281	33,605	47.6	51,306	4,779
	43,298	(3)	(3)	(3)	37,867	(3)	(3)	22,536	(3)
Oklahoma.....	18,811	5,780	2,681	46.4	122,420	10,557	11.6	33,234	15,740
	(2)	(2)	(2)	(2)	719,093	563	(3)	(3)	(3)
Pennsylvania.....	10,289	3,495	812	23.2	(1)	(1)	(1)	702,433	(3)
Puerto Rico.....								10,922	5,222
Rhode Island.....	1,690	(3)	(3)	(3)	332	(3)	(3)	172	(3)
South Carolina.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
South Dakota.....	25,161	(3)	(3)	(3)	(1)	(1)	(1)	17,610	(3)
Tennessee.....	33,176	4,863	1,827	37.6	(1)	(1)	(1)	25,161	(3)
Texas.....	642,389	54,041	27,471	50.8	361,689	10,447	3,758	86,101	65,662
Utah.....	46,721	7,646	4,983	65.2	15,393	1,225	63.6	4,002	2,548
Vermont.....	2,974	(3)	(3)	(3)	2,097	(3)	(3)	(1)	(1)
Virgin Islands.....	323	323	323	100.0	16	16	100.0	1,565	479
Virginia.....	1,801	(3)	(3)	(3)	1,667	(3)	(3)	17,689	(3)
Washington.....	86,837	(3)	(3)	(3)	19,872	1,235	(3)	2,456	124
West Virginia.....	18,531	2,384	914	38.3	1,080	128	20	15.6	3,455
	28,237	1,720	(1)	(1)	49,162	1,432	(1)	3,138	(3)
Wyoming.....	6,737	815	520	63.8	2,742	(3)	(3)	20,000	1,938
									20,000

* Children referred.

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TABLE 10.--Children Receiving Smallpox Immunization, by Age, 1957

State	Children receiving original vaccination					Children receiving revaccinations
	Total	Under 1 year	1-4 years	5-20 years	Age unknown	
Total.....	1,373,671	220,757	309,968	695,326	147,620	341,664
Alabama.....	47,085	4,132	7,612	35,341	0	2,889
Alaska.....	2,694	802	1,080	812	0	1,705
Arizona.....	26,017	2,025	2,480	21,512	0	2,022
Arkansas.....	30,829	3,162	5,342	22,325	0	2,388
California.....	80,010	24,950	25,317	29,743	0	46,800
Colorado.....	27,154	1,343	2,800	23,011	0	4,564
Connecticut.....	699	145	406	148	0	134
Delaware.....	2,754	354	836	1,564	0	816
District of Columbia.....	9,374	1,752	4,689	2,933	0	253
Florida.....	34,779	5,930	11,048	17,801	0	25,358
Georgia.....	74,471	(³)	(³)	(³)	74,471	(³)
Hawaii.....	1,005	1,005	0	0	0	1,179
Idaho.....	673	86	342	245	0	192
Illinois.....	12,725	2,640	3,356	6,729	0	12,355
Indiana.....	670	120	377	173	0	1
Iowa.....	2,041	261	658	1,122	0	1,784
Kansas.....	15,970	(³)	(³)	(³)	15,970	3,687
Kentucky.....	40,136	1,347	6,841	31,948	0	12,324
Louisiana.....	73,152	7,327	13,492	44,835	7,498	(³)
Maine.....	6,142	518	1,804	3,820	0	2,349
Maryland.....	14,187	5,399	5,185	3,603	0	721
Massachusetts.....	18,421	1,120	4,492	3,091	9,718	442
Michigan.....	55,400	8,669	14,684	32,047	0	22,573
Minnesota.....	9,383	473	1,046	7,864	0	17,616
Mississippi.....	42,199	7,230	7,897	27,072	0	10,938
Missouri.....	25,427	(³)	(³)	(³)	25,427	5,465
Montana.....	2,413	632	568	1,213	0	672
Nebraska.....	4,059	(³)	(³)	(³)	4,059	(³)
Nevada.....	6,820	295	514	6,011	0	963
New Hampshire.....	364	0	364	0	0	0
New Jersey.....	4,772	(³)	(³)	(³)	4,772	(³)
New Mexico.....	14,591	1,787	6,133	6,671	0	(³)
New York.....	152,086	79,419	53,118	19,549	0	36,794
North Carolina.....	80,943	12,013	15,080	53,850	0	13,363
North Dakota.....	6,371	797	1,781	3,793	0	3,127
Ohio.....	48,496	2,283	8,618	37,595	0	15,980
Oklahoma.....	14,501	1,229	3,721	9,551	0	3,139
Oregon.....	11,590	2,006	3,071	6,513	0	12,666
Pennsylvania.....	3,335	374	1,547	1,414	0	332
Puerto Rico.....	36,489	3,593	5,047	27,849	0	632
Rhode Island.....	6	0	6	0	0	0
South Carolina.....	53,235	1,250	5 16,041	35,944	0	(³)
South Dakota.....	9,897	394	1,065	8,438	0	1,404
Tennessee.....	62,138	8,165	14,419	39,554	0	15,810
Texas.....	88,535	8,511	26,389	53,635	0	8,839
Utah.....	7,430	1,465	1,968	3,997	0	9,199
Vermont.....	2,802	290	1,016	1,496	0	1,686
Virgin Islands.....	544	498	46	0	0	(³)
Virginia.....	29,639	3,319	5,674	14,941	5,705	204
Washington.....	17,740	2,668	3,784	11,288	0	13,485
West Virginia.....	20,918	1,411	5,597	13,910	0	1,171
Wisconsin.....	38,268	7,509	12,383	18,376	0	21,793
Wyoming.....	2,292	59	234	1,999	0	1,850

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TABLE 11.--Children Receiving Diphtheria Immunization, by Age, 1957

State	Children receiving basic series					Children receiving boosters
	Total	Under 1 year	1-4 years	5-20 years	Age unknown	
Total.....	1,554,032	450,726	445,273	635,948	22,085	1,412,907
Alabama.....	43,422	17,698	10,900	14,824	0	54,438
Alaska.....	3,013	1,222	1,189	602	0	6,050
Arizona.....	17,618	2,678	2,081	12,859	0	4,789
Arkansas.....	20,891	6,098	6,070	8,723	0	22,891
California.....	94,432	40,703	22,501	31,228	0	334,900
Colorado.....	14,064	2,266	2,532	9,266	0	18,186
Connecticut.....	546	225	279	42	0	738
Delaware.....	2,216	1,019	561	636	0	3,908
District of Columbia.....	7,720	6,084	1,563	73	0	18,071
Florida.....	44,775	11,340	15,092	18,343	0	40,135
Georgia.....	143,443	27,621	50,351	65,471	0	(³)
Hawaii.....	2,382	1,504	769	109	0	2,842
Idaho.....	4,418	1,032	1,330	2,056	0	5,728
Illinois.....	12,028	3,220	3,664	5,144	0	20,718
Indiana.....	493	139	224	130	0	356
Iowa.....	4,524	821	1,392	2,311	0	5,530
Kansas.....	12,360	(³)	(³)	(³)	12,360	34,219
Kentucky.....	34,280	7,795	10,392	16,093	0	48,154
Louisiana.....	67,280	30,388	17,884	16,314	2,694	94,395
Maine.....	5,240	1,387	2,536	1,317	0	6,542
Maryland.....	22,106	4,352	15,869	1,885	0	16,515
Massachusetts.....	29,581	7,568	5,860	9,636	6,517	53,358
Michigan.....	112,520	13,110	24,273	75,137	0	99,030
Minnesota.....	7,088	638	907	5,543	0	26,295
Mississippi.....	43,318	18,001	14,204	11,113	0	36,044
Missouri.....	30,556	2,204	3,671	24,681	0	20,152
Montana.....	2,942	833	659	1,450	0	957
Nebraska.....	6,015	1,051	1,179	3,785	0	(³)
Nevada.....	1,121	285	440	396	0	1,480
New Hampshire.....	2,323	120	1,827	376	0	450
New Jersey.....	7,180	4,119	2,069	992	0	(³)
New Mexico.....	13,253	3,641	5,933	3,679	0	6,384
New York.....	216,393	81,648	49,741	85,004	0	69,958
North Carolina.....	80,613	31,947	24,700	23,966	0	60,525
North Dakota.....	5,908	834	1,515	3,559	0	12,176
Ohio.....	53,269	12,532	10,322	30,415	0	44,199
Oklahoma.....	14,189	4,912	4,617	4,660	0	14,832
Oregon.....	10,996	2,775	3,084	5,137	0	22,130
Pennsylvania.....	8,190	3,802	2,677	1,711	0	4,847
Puerto Rico.....	41,643	11,313	7,715	22,615	0	4,201
Rhode Island.....	1,906	507	452	947	0	4,894
South Carolina.....	24,611	8,061	11,709	4,841	0	19,362
South Dakota.....	8,312	5,907	1,621	784	0	2,554
Tennessee.....	46,653	17,818	15,739	13,096	0	47,179
Texas.....	120,723	21,492	51,223	48,008	0	13,576
Utah.....	7,548	1,430	1,279	4,839	0	6,701
Vermont.....	1,825	250	909	666	0	7,160
Virgin Islands.....	510	216	290	4	0	(³)
Virginia.....	30,400	8,779	8,431	12,676	514	2,474
Washington.....	15,690	4,925	5,771	4,994	0	13,302
West Virginia.....	20,864	4,420	6,904	9,540	0	14,113
Wisconsin.....	24,872	7,904	8,180	8,788	0	53,739
Wyoming.....	5,769	92	193	5,484	0	11,730

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TABLE 12.--Children Receiving Pertussis Immunization, by Age, 1957

State	Children receiving basic series					Children receiving boosters
	Total	Under 1 year	1-4 years	5-20 years	Age unknown	
Total.....	1,196,214	444,405	420,256	312,293	19,260	811,459
Alabama.....	39,389	17,635	10,814	10,940	0	54,438
Alaska.....	2,938	1,186	1,175	577	0	3,402
Arizona.....	5,664	2,680	2,081	903	0	4,180
Arkansas.....	15,720	5,938	5,314	4,468	0	16,675
California.....	70,969	40,443	21,764	8,762	0	69,500
Colorado.....	10,153	2,259	2,412	5,482	0	12,974
Connecticut.....	546	225	279	42	0	738
Delaware.....	2,216	1,019	561	636	0	3,908
District of Columbia.....	6,809	5,103	1,626	80	0	18,071
Florida.....	34,350	11,225	14,363	8,762	0	29,356
Georgia.....	137,885	27,918	49,999	59,968	0	(3)
Hawaii.....	2,382	1,504	769	109	0	2,842
Idaho.....	3,384	1,010	1,364	1,010	0	4,797
Illinois.....	11,370	3,273	3,621	4,476	0	17,671
Indiana.....	476	134	222	120	0	78
Iowa.....	4,358	817	1,293	2,248	0	3,068
Kansas.....	10,429	(3)	(3)	(3)	10,429	19,060
Kentucky.....	26,287	7,204	8,945	10,138	0	34,239
Louisiana.....	61,440	30,307	17,676	12,400	1,057	83,449
Maine.....	5,094	1,387	2,505	1,202	0	6,119
Maryland.....	22,106	4,352	15,869	1,885	0	16,515
Massachusetts.....	22,632	7,547	5,697	4,137	5,251	25,766
Michigan.....	36,784	12,963	13,217	10,604	0	22,752
Minnesota.....	2,097	623	721	753	0	3,793
Mississippi.....	34,853	17,884	13,027	3,942	0	24,931
Missouri.....	10,127	5,400	4,500	227	0	2,200
Montana.....	2,796	829	559	1,408	0	895
Nebraska.....	6,015	1,051	1,179	3,785	0	(3)
Nevada.....	1,032	264	386	382	0	1,367
New Hampshire.....	2,323	120	1,827	376	0	450
New Jersey.....	6,302	4,035	1,932	335	0	(3)
New Mexico.....	11,550	3,549	5,862	2,139	0	0
New York.....	135,578	81,412	49,352	4,814	0	30,020
North Carolina.....	81,596	33,236	23,167	25,193	0	58,978
North Dakota.....	5,908	834	1,515	3,559	0	12,176
Ohio.....	35,488	8,721	8,584	18,183	0	24,856
Oklahoma.....	11,296	4,820	4,378	2,098	0	10,253
Oregon.....	8,366	2,757	3,044	2,565	0	11,513
Pennsylvania.....	6,913	3,808	2,546	559	0	3,949
Puerto Rico.....	18,986	10,424	6,957	1,605	0	4,028
Rhode Island.....	1,646	507	452	687	0	4,894
South Carolina.....	23,266	8,033	11,429	3,804	0	18,756
South Dakota.....	5,530	3,229	1,538	763	0	1,359
Tennessee.....	46,505	17,812	15,734	12,959	0	47,218
Texas.....	106,972	21,934	49,172	35,866	0	9,621
Utah.....	6,327	1,568	1,281	3,478	0	9,993
Vermont.....	1,113	247	866	0	0	2,651
Virgin Islands.....	510	216	290	4	0	(3)
Virginia.....	29,593	7,796	7,659	11,615	2,523	2,275
Washington.....	14,417	4,829	5,566	4,022	0	10,414
West Virginia.....	20,864	4,420	6,904	9,540	0	14,113
Wisconsin.....	23,324	7,826	8,113	7,385	0	49,527
Wyoming.....	1,540	92	150	1,298	0	1,631

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TABLE 13.--Children Receiving Tetanus Immunization, by Age, 1957

State	Children receiving basic series					Children receiving boosters
	Total	Under 1 year	1-4 years	5-20 years	Age unknown	
Total.....	1,393,121	416,376	375,527	513,755	87,463	1,352,392
Alabama.....	44,033	17,632	10,855	15,546	0	58,259
Alaska.....	2,959	1,185	1,176	598	0	3,543
Arizona.....	5,764	2,678	2,081	1,005	0	4,658
Arkansas.....	20,892	6,098	6,070	8,724	0	22,891
California.....	84,812	39,421	21,246	24,145	0	323,150
Colorado.....	13,723	2,263	2,500	8,960	0	17,690
Connecticut.....	546	225	279	42	0	738
Delaware.....	2,324	1,019	562	743	0	3,908
District of Columbia.....	7,720	6,084	1,563	73	0	18,071
Florida.....	54,822	11,430	15,237	28,155	0	54,575
Georgia.....	137,029	27,524	49,939	59,566	0	(3)
Hawaii.....	2,382	1,504	769	109	0	2,842
Idaho.....	443	206	161	76	0	5,066
Illinois.....	12,082	2,830	3,046	6,206	0	20,878
Indiana.....	492	138	224	130	0	41
Iowa.....	4,186	821	1,400	1,965	0	3,403
Kansas.....	4,416	(3)	(3)	(3)	4,416	13,606
Kentucky.....	34,050	7,719	10,334	15,997	0	47,290
Louisiana.....	67,315	30,355	17,884	16,383	2,693	94,681
Maine.....	5,252	1,388	2,547	1,317	0	6,512
Maryland.....	22,106	4,352	15,869	1,885	0	16,515
Massachusetts.....	29,599	7,568	5,860	9,654	6,517	53,358
Michigan.....	50,496	13,060	14,270	23,166	0	60,483
Minnesota.....	7,088	638	907	5,543	0	26,295
Mississippi.....	43,069	17,700	13,970	11,399	0	35,869
Missouri.....	30,556	2,204	3,671	24,681	0	20,152
Montana.....	2,911	829	629	1,453	0	953
Nebraska.....	6,015	1,051	1,179	3,785	0	(3)
Nevada.....	1,138	284	443	411	0	1,469
New Hampshire.....	2,323	120	1,827	376	0	450
New Jersey.....	(3)	(3)	(3)	(3)	0	(3)
New Mexico.....	11,550	3,549	5,862	2,139	0	6,384
New York.....	216,393	81,648	49,741	85,004	0	71,980
North Carolina.....	84,099	31,942	24,902	27,255	0	63,317
North Dakota.....	5,908	834	1,515	3,559	0	12,176
Ohio.....	44,230	8,732	8,778	26,720	0	39,240
Oklahoma.....	15,201	4,912	4,617	5,672	0	14,445
Oregon.....	10,912	2,753	3,037	5,122	0	21,397
Pennsylvania.....	8,047	3,782	2,650	1,615	0	4,770
Puerto Rico.....	30,494	10,417	7,055	13,022	0	5,407
Rhode Island.....	1,646	507	452	687	0	4,894
South Carolina.....	26,899	8,057	11,832	7,010	0	21,814
South Dakota.....	8,312	5,907	1,621	784	0	2,554
Tennessee.....	48,244	17,834	15,740	14,670	0	49,894
Texas.....	71,412	(3)	(3)	(3)	71,412	(3)
Utah.....	9,672	1,567	1,369	6,736	0	16,196
Vermont.....	1,865	250	909	706	0	7,529
Virgin Islands.....	510	216	290	4	0	(3)
Virginia.....	30,730	7,952	7,950	12,403	2,425	2,331
Washington.....	14,649	4,857	5,562	4,230	0	10,827
West Virginia.....	20,864	4,420	6,904	9,540	0	14,113
Wisconsin.....	25,107	7,822	8,050	9,235	0	53,882
Wyoming.....	5,834	92	193	5,549	0	11,896

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TABLE 14.--Children Receiving Poliomyelitis Immunization, by Age, 1957

State	Children receiving basic series					Children receiving boosters
	Total	Under 1 year	1-4 years	5-20 years	Age unknown	
Total.....	7,578,192	545,369	1,183,938	4,699,565	1,149,320	4,230,877
Alabama.....	235,794	17,275	49,811	168,708	0	258,600
Alaska.....	12,578	97	4,328	8,153	0	342
Arizona.....	(²)	(²)	(²)	(²)	0	(²)
Arkansas.....	134,576	(²)	31,173	103,403	0	(²)
California.....	(²)	(²)	(²)	(²)	0	(²)
Colorado.....	58,548	1,656	9,943	46,949	0	33,423
Connecticut.....	416,498	38,000	59,635	318,863	0	(³)
Delaware.....	5,959	1,120	2,680	2,159	0	12,469
District of Columbia.....	45,542	5,023	9,581	30,938	0	66,942
Florida.....	236,307	13,301	46,686	176,320	0	215,133
Georgia.....	298,564	(³)	(³)	(³)	298,564	296,199
Hawaii.....	7,307	1,504	769	5,034	0	0
Idaho.....	61,090	1,341	10,523	49,226	0	36,981
Illinois.....	58,421	9,778	15,465	33,178	0	42,189
Indiana.....	697	8	81	608	0	394
Iowa.....	10,665	911	4,284	5,470	0	1,071
Kansas.....	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Kentucky.....	145,329	5,725	25,143	114,461	0	186,756
Louisiana.....	248,890	22,543	57,523	158,963	9,861	225,028
Maine.....	84,770	830	13,919	70,021	0	(³)
Maryland.....	*185,683	9,205	32,638	143,840	0	(³)
Massachusetts.....	203,338	17,131	54,250	131,957	0	852,290
Michigan.....	150,666	1,180	43,684	105,802	0	31,194
Minnesota.....	19,648	677	4,543	14,428	0	(³)
Mississippi.....	187,811	18,356	51,361	118,094	0	259,554
Missouri.....	166,897	0	42,682	124,215	0	188,067
Montana.....	6,045	34	1,207	4,804	0	670
Nebraska.....	0	0	0	0	0	0
Nevada.....	16,228	203	1,857	14,168	0	27,788
New Hampshire.....	71,853	1,091	12,585	58,177	0	(³)
New Jersey.....	190,942	1,900	5,691	183,351	0	(⁴)
New Mexico.....	28,015	2,651	8,659	16,705	0	30,967
New York.....	733,116	132,315	63,200	537,601	0	131,054
North Carolina.....	475,735	33,025	89,290	353,420	0	(³)
North Dakota.....	189,076	(⁴)	64,096	124,980	0	1,664
Ohio.....	565,914	13,229	64,007	310,920	177,758	201,962
Oklahoma.....	209,922	(⁴)	60,848	149,074	0	204,179
Oregon.....	106,723	1,594	16,115	89,014	0	65,750
Pennsylvania.....	129,197	6,799	21,335	101,063	0	74,566
Puerto Rico.....	46,062	7,655	15,490	22,917	0	24,852
Rhode Island.....	(¹)	(¹)	(¹)	(¹)	(¹)	(³)
South Carolina.....	173,978	6,751	37,585	129,642	0	100,857
South Dakota.....	6,715	5,973	676	66	0	477
Tennessee.....	338,335	24,556	74,973	238,806	0	292,986
Texas.....	752,754	130,979	(³)	(³)	621,775	(³)
Utah.....	19,981	777	3,004	16,200	0	12,415
Vermont.....	10,669	796	2,581	7,292	0	36,435
Virgin Islands.....	1,504	0	36	1,468	0	(³)
Virginia.....	57,525	1,152	4,506	10,505	41,362	2,120
Washington.....	242,814	3,722	15,542	223,550	0	61,871
West Virginia.....	147,251	0	31,364	115,887	0	169,051
Wisconsin.....	72,940	4,506	17,649	50,785	0	81,040
Wyoming.....	9,320	0	940	8,380	0	3,541

* Baltimore City not included.

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TABLE 15.--Children Receiving Typhoid Immunization, by Age, 1957

State	Children receiving basic series					Children receiving boosters
	Total children	Under 1 year	1-4 years	5-20 years	Age unknown	
Total.....	524,511	4,255	35,004	275,416	209,836	733,406
Alabama.....	33,176	150	3,386	29,640	0	122,140
Alaska.....	3,430	214	1,520	1,696	0	6,699
Arkansas.....	25,225	1,401	5,636	18,188	0	32,431
Colorado.....	190	28	67	95	0	14
Florida.....	24,086	(³)	(³)	(³)	24,086	31,954
Hawaii.....	2,185	(³)	(³)	(³)	2,185	2,426
Idaho.....	85	6	24	55	0	164
Kentucky.....	63,016	254	5,191	57,571	0	126,700
Louisiana.....	20,788	713	5,134	14,926	15	41,889
Massachusetts.....	150	0	0	52	98	0
Mississippi.....	75,839	575	6,441	68,823	0	109,989
Nevada.....	305	36	62	207	0	290
Ohio.....	4,356	12	68	4,276	0	1,039
South Carolina.....	48,333	104	4,372	43,857	0	133,038
Tennessee.....	52,292	(³)	(³)	(³)	52,292	93,051
Texas.....	129,047	(³)	(³)	(³)	129,047	(³)
Utah.....	9,888	417	1,316	8,155	0	33,415
Virginia.....	3,559	83	346	1,017	2,113	2,349
Washington.....	2,206	260	198	1,748	0	1,236
West Virginia.....	26,351	0	1,241	25,110	0	4,525
Wisconsin.....	4	2	2	(³)	0	57

APPENDIX

TABLE 16.--Children Served in Miscellaneous Special Clinics, by Type of Clinic and Age, 1957

Special clinics	Total	Under 1 year	1-4 years	5-17 years	18-20 years	Age unknown
Total.....	164,430	966	9,408	103,323	4,412	46,321
Otologic.....	14,658	21	395	13,068	130	1,044
Hawaii.....	757		100	653	4	
Louisiana.....	1,171		8	1,125	38	
Maryland.....	668		287	381		
Michigan.....	11,018	21		10,909	88	
Oregon.....	1,044	(³)	(³)	(³)	(³)	1,044
Speech and hearing.....	1,212	0	9	338	15	850
Missouri.....	850	(³)	(³)	(³)	(³)	850
New York.....	362		9	338	15	
Vision.....	40,638	0	339	458	0	39,841
Maryland.....	786		338	448		
New York.....	39,852		1	10		39,841
Rheumatic fever, cardiac, and hearing.....	29,446	612	6,853	17,902	4,079	0
Ohio.....	29,446	612	6,853	17,902	4,079	
Rheumatic fever.....	778	5	31	333	31	378
Michigan.....	43	1	9	32	1	
Missouri.....	378	(³)	(³)	(³)	(³)	378
New York.....	357	4	22	301	30	
All other.....	77,698	328	1,781	71,224	157	4,208
Colorado.....	965	193	318	346	108	
Delaware.....	188			188		
District of Columbia.....	5,170	66	1,273	3,827	4	
Hawaii.....	261	2	64	185	10	
Louisiana.....	117	15	17	80	5	
Maryland.....	116	30	11	73	2	
Minnesota.....	63,232			63,232		
Mississippi.....	331		28	303		
New Hampshire.....	61	5	16	40		
New York.....	7,207	14	43	2,917	25	
West Virginia.....	50	3	11	33	3	4,208

APPENDIX

TABLE 17.--Midwife Services, 1957

State	Number of midwives enrolled in classes or institutes	Deliveries by midwives supervised by health department member	Number of practicing midwives in State
Total.....	6,588	1,908	10,087
Alabama.....	361	414	1,372
Alaska.....	108	16	(²)
Arizona.....	18	0	23
Arkansas.....	426	0	383
California.....	(²)	(²)	(²)
Colorado.....	(¹)	(¹)	(¹)
Connecticut.....	(¹)	1	6
Delaware.....	4	7	12
District of Columbia.....	(¹)	(¹)	0
Florida.....	283	60	283
Georgia.....	798	15	708
Hawaii.....	0	0	10
Idaho.....	(¹)	(¹)	(¹)
Illinois.....	(¹)	(¹)	(¹)
Indiana.....	0	0	2
Iowa.....	(²)	(²)	(²)
Kansas.....	(¹)	(¹)	(¹)
Kentucky.....	300	(¹)	457
Louisiana.....	317	(¹)	425
Maine.....	(²)	(²)	(²)
Maryland.....	(²)	174	(²)
Massachusetts.....	(¹)	(¹)	0
Michigan.....	(¹)	(¹)	(¹)
Minnesota.....	(¹)	(¹)	11
Mississippi.....	797	(¹)	1,373
Missouri.....	17	20	70
Montana.....	(¹)	(¹)	(²)
Nebraska.....	0	0	0
Nevada.....	(¹)	(¹)	(¹)
New Hampshire.....	(²)	(²)	(²)
New Jersey.....	0	0	24
New Mexico.....	225	0	162
New York.....	0	4	7
North Carolina.....	359	(¹)	374
North Dakota.....	0	0	0
Ohio.....	(¹)	(¹)	(²)
Oklahoma.....	5	(¹)	140
Oregon.....	(¹)	(¹)	(¹)
Pennsylvania.....	(¹)	(¹)	20
Puerto Rico.....	1,298	29	1,102
Rhode Island.....	(¹)	(¹)	3
South Carolina.....	1,205	(²)	800
South Dakota.....	0	0	0
Tennessee.....	43	(¹)	495
Texas.....	(¹)	(¹)	1,700
Utah.....	0	0	0
Vermont.....	(¹)	(¹)	0
Virgin Islands.....	(²)	982	13
Virginia.....	(²)	186	(²)
Washington.....	0	0	0
West Virginia.....	24	(¹)	109
Wisconsin.....	(¹)	(¹)	3
Wyoming.....	(¹)	(¹)	(¹)

FOOTNOTES FOR TABLES 1-17

1. Not included in program.
2. Not reported, information not given as to whether services are provided.
3. Included in program but number not reported.
4. Not reported separately. Included under ages 1-4.
5. 1-6 years of age
6. Reported from Baltimore.
7. Based on 2,161,883 examinations where parent information was reported.
8. Based on 137,754 examinations for which referral data was reported.
9. Parent information not reported for 761 examinations.
10. Based on 278,510 cases where referral data was reported.
11. Based on 79,927 cases where referral data was reported.
12. Based on 295,552 cases where referral data was reported.
13. Ages 6-20.